VciLogConsole

1) Functional Description

This VCI target is a simple log sink, receiving any written character and printing it to the external world.

It only has one mapped register accepting only writes.

A putc implementation could be:

```
static const volatile void* log_address = 0xc0000000;

static inline void putc(const size_t term_no, const char x)
{
    soclib_io_set( tty_address, 0, x );
}
```

2) Component definition & usage

source:trunk/soclib/soclib/module/connectivity_component/vci_log_console/caba/metadata/vci_log_console.sd?

See SoclibCc/VciParameters

```
Uses( 'caba:vci_log_console', **vci_parameters )
```

3) CABA Implementation

CABA sources

- interface : source:trunk/soclib/soclib/module/connectivity_component/vci_log_console/caba/source/include/vci_log_console.h?
- implementation : source:trunk/soclib/soclib/module/connectivity_component/vci_log_console/caba/source/src/vci_log_console.cpp?

CABA Constructor parameters

```
VciLogConsole(
     sc_module_name name,   // Instance name
     const soclib::common::IntTab &index,   //  Target index
     const soclib::common::MappingTable &mt)   // Mapping Table
```

Example instanciation:

```
VciLogConsole  tty("logger",
               IntTab(2,3),
               mapping_table );
```

Note : the name list MUST be terminated by NULL.

CABA Ports

- sc_in<bool> **p_resetn** : Global system reset
- sc_in<bool> **p_clk** : Global system clock
- soclib::common::VciiTarget<vci_param> **p_vci** : The VCI port